

MODEL MV132

ADDENDUM TO MODEL DQ132
TAPE COUPLER INSTRUCTION MANUAL

The DILOG Model MV132 is a software and hardware package that permits conventional 1/2-inch reel-to-reel formatted tape transports to be connected to the Q-bus of the MicroVAX computer and operated as "MS" devices under the MicroVMS operating system.

The MV132 comprises the following:

- A. DQ132 Magnetic Tape Coupler
- B. DQ132 Magnetic Tape Coupler Instruction Manual
- C. RX50 diskette or TK50 cartridge containing:
 - 1. MicroVMS compatible software driver
- D. The software installation procedure contained herein

The function, specifications and features of the DQ132 Coupler are contained in the DQ132 instruction manual. To install the DQ132 Coupler refer to Section 2 of the instruction manual. There are two important things to consider when installing the DQ132 into the MicroVAX computer:

- A. Be sure that switch S8 in the switch pac in board location B18 is ON, selecting 18-bit addressing. The DILOG-supplied software driver is like the DEC drivers in that the virtual memory mapping capability of the MicroVAX is used to transfer data from DMA devices to and from the main memory of the computer.
- B. Do not install the DQ132 Coupler in those first few slots of the MicroVAX backplane labeled "Q/CD." These slots have the C and D rows interconnected to provide a Private Memory Interconnect. These slots are intended for the processor board and memory boards. The DQ132 must be installed in the slots labeled "Q/Q." Refer to the enclosed drawings which show typical MicroVAX backplanes.

MV132/MV142 SOFTWARE INSTALLATION PROCEDURE

INTRODUCTION

This procedure lists the steps necessary to install the DILOG Tape System Driver (TSDRIVER) program under the MicroVMS operating system. The TSDRIVER is the software driver supplied for the MV132 and MV142 magnetic tape couplers. The TSDRIVER is compatible with Versions V4.0 through V4.4 of MicroVMS.

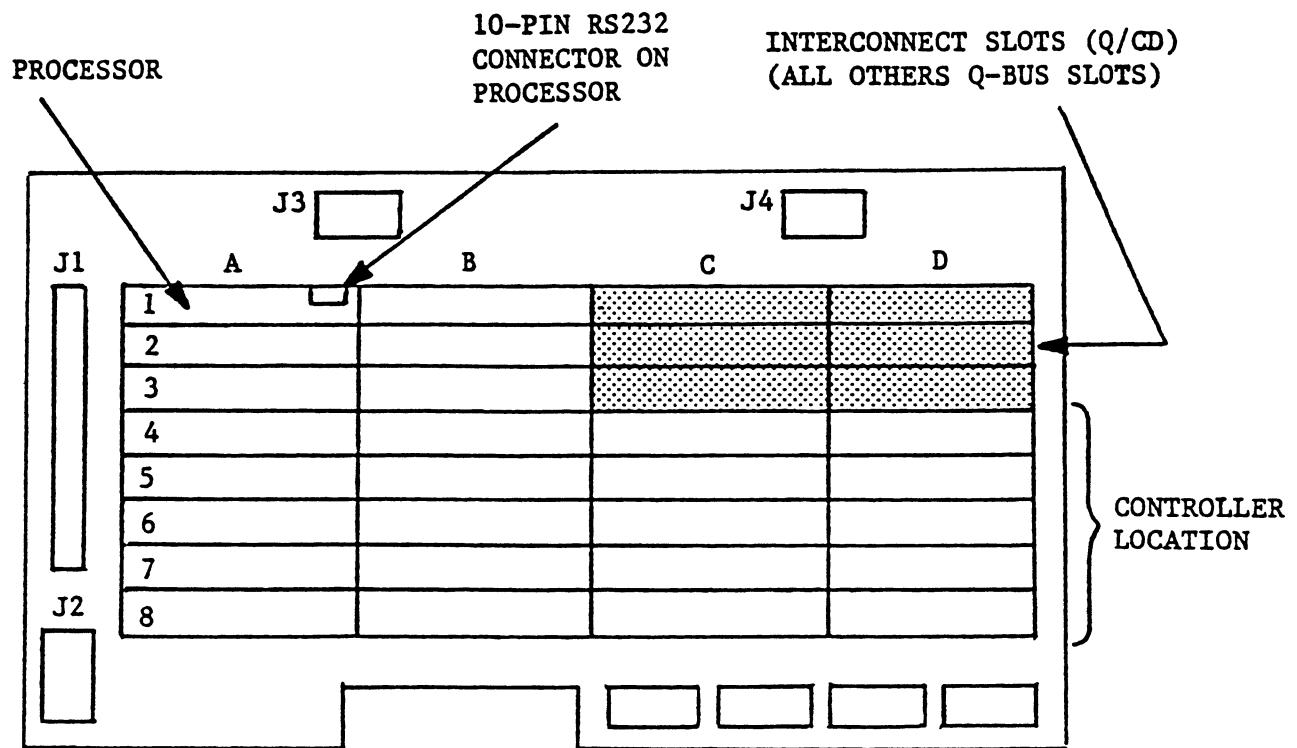
INSTALLATION

To install the TSDRIVER, perform the following steps in the order listed:

NOTE

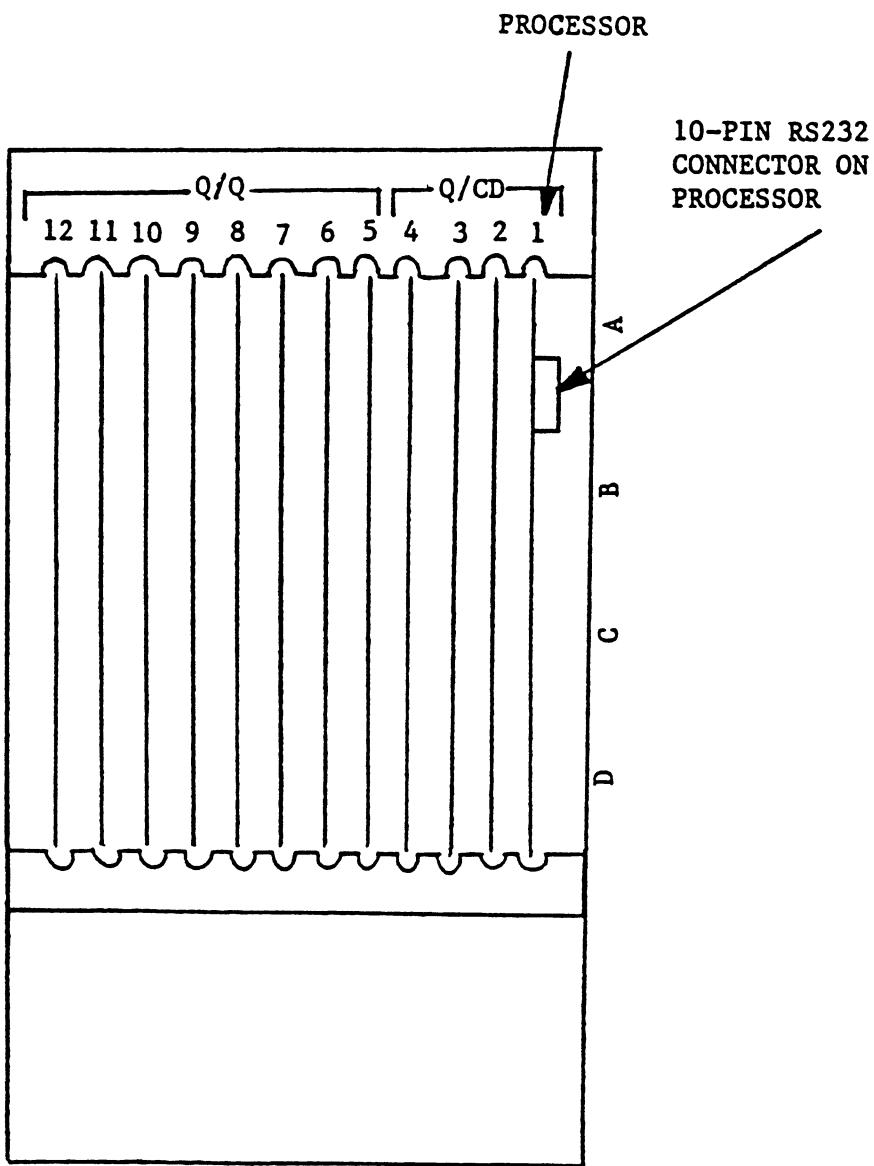
1. User input is underlined.
2. <CR> indicates that the user is to press the RETURN key.
3. Depending upon the user's request, the TSDRIVER may be supplied upon either an RX50 diskette or a TK50 cartridge tape. The following procedure assumes a diskette, designation DUa1; if a cartridge is supplied, merely substitute its designation, which is MUa0.

1. Insert the diskette labeled "MV132/MV142 TAPEDRIVER KIT" in diskette drive DUa1 (cartridge drive MUa0).
2. Mount the diskette DUa1:
mou dual:/over=id<CR>
"MOUNT-I-MOUNTED, TSDRIVER (TSKIT) ON _DUA1:"
3. Copy the TSDRIVER to the directory (sysex) on the system disc:
copy dual:[sys0.sysex]tsdriver.exe sys\$system<CR> or
copy mua0:tsdriver.exe sys\$system<CR>
4. Dismount the diskette:
dism dual:<CR>
5. Run the proper "shutdown" procedure:
run shutdown<CR> or @shutdown<CR> or shutdown<CR>
6. Reboot the system:
>>> b<CR>
7. Log on to the system then do a "show" of the devices in the system: device MSa0 should appear online:
sho dev<CR> or sho dev msa0<CR>
"DEVICE" "DEVICE"
"NAME: STATUS"
"MSA0:" "ONLINE"



NOTE: Components on the board must be facing towards the Processor.

Figure A-1. MicroVAX II H9278 Backplane



NOTE: Components on the board must be facing towards the Processor.

Figure A-2. MicroVAX II Backplane (Typical)